

## ABSTRACT

A computing device, such as a hand-held computing device, like a personal digital assistant (PDA), includes a communications bus and a display configured to display in more than one display mode and the display coupled to the communications bus. The computing device also includes a processor coupled to the display and to the communications bus and a memory coupled to the communications bus. The memory is controlled by a display logic to manage the memory and allocate the memory according to the display mode.

[illegible]